

In the Specification***p. 10, line 9:*****Hinge assembly**

The hinge assembly 150 includes a hinge stabilizer 140 having hinge stabilizer bars 240a and 240b which extend generally parallel to one another with a gap extending longitudinally therebetween. The longitudinal gap between the hinge stabilizer bars 240a and 240b allows the lower portions of the lift arms 132 and 134 to be inserted between, and secured to, the hinge stabilizer bars 240a and 240b. While the lift arms 132 and 134 are inserted between the hinge stabilizer bars 240a and 240b on one side (the left side in Fig. 2), at least one, and preferably two, hinges 124a and 124b are connected to the other side of the hinge stabilizer bars 240a and 240b. The hinges 124a and 124b can be connected to the hinge stabilizers 240a and 240b by securing a flat surface of a first section of each of the hinges 124a and 124b across the hinge stabilizer bars 240a and 240b as well as the gap extending longitudinally therebetween. The arrangement of the hinges 124a and 124b, lift arms 132 and 134, and hinge stabilizer 140, maintains the generally parallel relationship of hinge stabilizer bar 240a to hinge stabilizer bar 240b.

The second section of each of hinges 124a and 124b is connected to door plate 104. The arrangement of the hinges 124a and 124b, in relation to the door plate 104 and hinge assembly 150 allows the door plate 104 to rotate about hinge assembly 150 via the hinges 124a and 124b.

In order to control the rotation of the door plate 104 about hinges 124a and 124b, a stop pin assembly 228 can be used. The stop pin assembly 228 can be rotatably connected to the hinge stabilizer 140 by pivotally connecting the stop pin assembly 228 to a stop pin assembly connector 248 such that rotation of the stop pin assembly 228 to a first position allows the door plate 104, and consequently the door, a full range of rotation about hinges 124a and 124b. In contrast, the degree of rotation of the door plate 104, and again the door, can be limited by rotating the stop pin assembly 228 to a second position. It likewise should be understood that varying degrees of rotation of the door plate 104 about the hinges 124a and 124b can be permitted by placing the stop pin assembly 228 in intermediate positions along the continuum between the first and second positions mentioned above. The stop pin assembly connector 248 preferably is connected to hinge stabilizer bar 240b and the stop pin assembly 128 is positioned in a gap between the top and bottom of the stop pin assembly connector 248.